CONTENTS

## Volume 28. No. 1—January


**Coaggregation of black-pigmented *Bacteroides* species with other oral bacteria** 1
*Eke, P. I., Rotimi, V. O. and Laughon, B. E.*

**Cytotoxic activity of crude extracts of *Bacteroides gingivalis*** 5
*Eke, P. I., Laughon, B. E. and Rotimi, V. O.*

**Aggregation by fragilis and non-fragilis *Bacteroides* strains *in vitro*** 9
*Blake, M., Rotstein, O. D., Llano, M., Girotti, M. J. and Reid, G.*

**A new methicillin- and gentamicin-resistant *Staphylococcus aureus* in Dublin: molecular genetic analysis** 15
*Carroll, J. D., Pomeroy, Harriett, M., Russell, R. J., Arbuthnott, J. P., Keane, C. T., McCormick, Orla, M. and Coleman, D. C.*

**Characterisation of methicillin-resistant isolates of *Staphylococcus aureus* by analysis of whole-cell and exported proteins** 25
*Thomson-Carter, Fiona, M. and Pennington, T. H.*

**Immunobiological relationships among new cholera toxins produced by CT gene-negative strains of *Vibrio cholerae* O1** 33
*Saha, Setarunnahar and Sanyal, S. C.*

TECHNICAL REPORT
**Rapid identification of *Vibrio cholerae* serotype O1 from primary isolation plates by coagglutination test** 39
*Rahman, M., Sack, D. A., Wadood, A., Yasmin, M. and Latif, A.*

**The use of phage-sensitivity patterns for tracing heat labile toxin-positive ($LT^+$) *Escherichia coli*** 43
*Monsur, K. A., Clemens, J. D., Sack, D. A., Miah, A. L. and Begum, Y. A.*

**An endocytic process in HEp-2 cells induced by enteropathogenic *Escherichia coli*** 49
*Andrade, J. R. C., Da Veiga, V. F., De Santa Rosa, M. R. and Suassuna, I.*

**Invasion of Vero cells by *Salmonella* species** 59
*Barrow, P. A. and Lovell, M. A.*

**Evaluation of a latex agglutination test for *Rickettsia conorii* antibodies in seropositive patients** 69
*De La Fuente, L., Anda, P., Rodriguez, I., Hechemy, K. E., Raoult, D. and Casal, J.*


## Volume 28, No. 2—February


**THE TENTH C. L. OAKLEY LECTURE**
**The success of plasmid-encoded resistance genes in clinical bacteria**
**An examination of plasmid-mediated ampicillin and trimethoprim resistance genes and their resistance mechanisms** 73
*Amyes, S. G. B.*

**Morphotype markers of virulence in human candidal infections** 85
*Hunter, P. R., Fraser, Cherry, A. M. and Mackenzie, D. W. R.*

**Effect of iron depletion on cell-wall antigens of *Candida albicans*** 93
*Paul. T. R., Smith, S. N. and Brown, M. R. W.*

**Antibody-independent protection against *Pseudomonas aeruginosa* infection in mice after treatment with a homologous strain vaccine** 101
*Fujimura, T., Suzuki, T., Mitsuyama, M., Saito, H. and Nomoto, K.*

**Age-dependent changes in protease and elastase production cultures of *Pseudomonas aeruginosa*** 109
*Umeki, S.*

**Use of a non-radioactive hybridisation assay for direct detection of gram-negative bacteria carrying TEM β-lactamase genes in infected urine** 113
*Carter, G. I., Towner, K. J., Pearson, N. J. and Slack, R. C. B.*

**Comparison of genital and respiratory carriage of *Haemophilus parainfluenzae* in men** 119
*Houang, E., Philippou, M. and Ahmet, Z.*

**The use of an IgM immunosorbent agglutination assay to diagnose congenital toxoplasmosis** 125
*Skinner, Louise, J., Chatterton, Jean, M. W., Joss, A. W. L., Moir, Isobel, L. and Ho-Yen, D. O.*

**Protection of mice by a pseudodiffuse strain of *Staphylococcus aureus* possessing polyvalent capsular type antigen** 129
*Chomarat, M., Ichiman, Y. and Yoshida, K.*

**Comparison of IgG Fc receptors from clinical isolates of *Streptococcus zooepidemicus*** 137
*Yarnall, M. and Widders, P. R.*

**Expression of two conserved leptospiral antigens in *Escherichia coli*** 143
*Doherty, J. P., Adler, B., Rood, J. I., Billington, S. J. and Faine, S.*

**Comparison of preservation media and freezing conditions for storage of specimens of faeces** 151
*Dan, M., Richardson, J., Miliotis, M. D. and Koornhof, H. J.*

**Announcements** 155

**Books Received** 156

**Volume 28. No. 3—March**

**Use of an antigen-capture assay for characterisation of monoclonal antibodies to mycobacterial lipoarabinomannan** 157
*Khanolkar, Saroj. R., Young, D. B., Brennan, P. J., Buchanan, T. M. and McAdam, K. P. W. J.*

**Enterotoxin production by *Staphylococcus aureus* isolates from cases of septicaemia and from healthy carriers** 163
*Humphreys, H., Keane, C. T., Hone, Rosemary, Pomeroy, Harriett, Russell, R. J., Arbuthnott, J. P. and Coleman, D. C.*

**Candidacidal mechanisms of peritoneal macrophages activated with lymphokines or γ-interferon** 173
*Brummer, E. and Stevens, D. A.*

**Isolation of mucoid strains of *Pseudomonas aeruginosa* from non-cystic-fibrosis patients and characterisation of the structure of their secreted alginate** 183
*McAvoy, M. J., Newton, Valerie, Paull, A., Morgan, J., Gacesa, P. and Russell, N. J.*

**Phagocytosis and ingestion of influenza virus by human polymorphonuclear leucocytes *in vitro*: electronmicroscopy studies** 191
*Yamamoto, K., Suzuki, K., Suzuki, K. and Mizuno, S.*

**Identification and comparative analysis of the lactoferrin and transferrin receptors among clinical isolates of gonococci** 199
*Lee, B. C. and Bryan, L. E.*

**Genetic evidence for a chromosomally integrated multiresistance plasmid in *Salmonella dublin*** 205
*Woodward, M. J., McLaren, I. and Wray, C.*

**Formation of methylglyoxal by bacteria isolated from human faeces** 211
*Baskaran, S., Prasanna Rajan, D. and Balasubramanian, K. A.*

**Recovery of spores of *Clostridium difficile* altered by heat or alkali** 217
*Kamiya, S., Yamakawa, K., Ogura, H. and Nakamura, S.*

**Antibodies against *Trichosporon beigelii* in vaginal washings from asymptomatic women** 223
*Quindos, G., Schneider, J., Alvarez, M., Ponton, J. and Cisterna, R.*

**A pyrolysis mass spectrometry study of fusobacteria** 227
*Magee, J. T., Hindmarch, J. M., Bennett, K. W., Duerden, B. I. and Aries, R. E.*

**Volume 28. No. 4—April**

REVIEW ARTICLE
**Aspects of pneumococcal infection including bacterial virulence, host response and vaccination** 237
*Gillespie, S. H.*

**Adherence of staphylococci to intravascular catheters** 249
*Kristinsson, K. G.*

**Establishment of an experimental model of a *Staphylococcus aureus* abscess in mice by use of dextran and gelatin microcarriers** 259
*Ford, C. W., Hamel, J. C., Stapert, D. and Yancey, R. J.*

**Immunochemistry of the cell surfaces of *Bacteroides bivius* and *Bacteroides disiens*** 267
*Brown, R., Hornett, Karen, E. and Poxton, I. R.*

**A physiological classification of viridans streptococci by use of the API-20STREP system** 275
*French, G. L., Talsania, H., Charlton, J. R. H. and Phillips, I.*

**Bacterial growth and toxin production in ileostomy effluents** 287
*Ala Aldeen, D. A. A. and Baker, M. R.*

**Obituary Notice** 291

**Announcements** 297

**Index Subjects** 299

**Index Authors** 303